CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

29.09.2017

Job No.: CTCE/BBMP/KRIDL/W.No.12/CSR-08/418/Cube/2017-18

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	:	**Asst. Executive Engineer,** Shettyhalli Sub Division, BBMP, Bangalore.
* Agency	:	**Technical Manager (West),** KRIDL, Bangalore.
* Name of the work	:	Construction of RCC drain at Chikkasandra Govt., School surrounding areas in Ward No.12, Shettyhalli Sub Division, BBMP, Bangalore.
* Reference	:	BBMP/EE/DD/WO/158/2017-18 Dated: 22.07.2017
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	29.09.2017

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	01.09.2017	29.09.2017	8.229	493.5	21.93
2	01.09.2017	29.09.2017	8.352	506.2	22.50
3	01.09.2017	29.09.2017	8.412	512.8	22.79

*Information is furnished by the Customer/Representative.

Note:

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⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒Any Query regarding the report must be reported within 30 days from the date of testing.

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VIDYARANI P.K.
Technical Manager

AE-12

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ಚಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾ.
ಪ.ಬಿ.ಎಂ. ಬಸ್ಸ್. ರಸ್ತೆ ...

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagar, Bangalore-79.
. Tele Fax : 23223227, Website : www.civiltechconsultants.com
E-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

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T-2377

04.10.2017

Job No.: CTCE/BBMP/KRIDL/W.No.12/CSR-08/418/Cube/2017-18

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

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* Reference	:	BBMP/EE/DD/WO/158/2017-18 Dated: 22.07.2017
* Sample ID	:	RCC Drain Concrete
Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	04.10.2017

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.09.2017	04.10.2017	8.227	498.3	22.15
2	06.09.2017	04.10.2017	8.327	512.2	22.76
3	06.09.2017	04.10.2017	8.405	520.9	23.15

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Technical Reference	:	IS: 516-1959 (RA-2013)
Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	04.10.2017

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.09.2017	04.10.2017	8.099	476.3	21.17
2	06.09.2017	04.10.2017	8.189	492.5	21.89
3	06.09.2017	04.10.2017	8.252	502.6	22.34

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Size of cubes	:	150mmx150mmx150mm
Cross Sectional Area	:	22500 mm^2
* Grade of Concrete	:	M_{20}
Compressive Strength as on	:	28^{th} day
Sample Received on	:	09.10.2017

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.09.2017	09.10.2017	8.299	498.6	22.16
2	11.09.2017	09.10.2017	8.353	512.2	22.76
3	11.09.2017	09.10.2017	8.412	525.4	23.35

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Compressive Strength as on	:	28^{th} day
Sample Received on	:	09.10.2017

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.09.2017	09.10.2017	8.207	492.3	21.88
2	11.09.2017	09.10.2017	8.305	502.6	22.34
3	11.09.2017	09.10.2017	8.412	512.8	22.79

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